



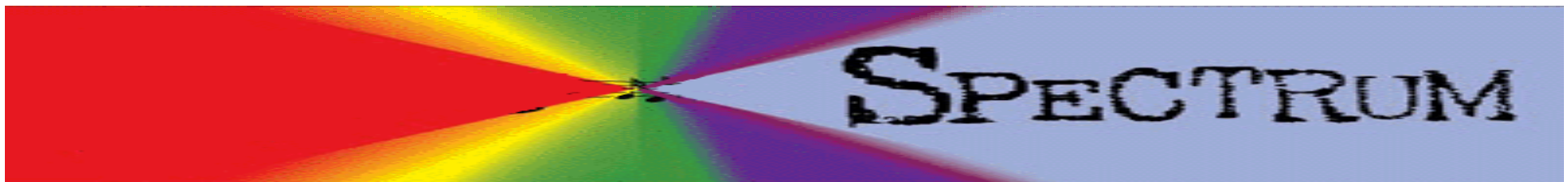
# Frequency Assignment Subcommittee (FAS)



**USN/USMC  
Spectrum Management  
Conference  
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# Agenda



- **Frequency Application Process**
- **Frequency Application Issues**
- **Special Temporary Authorizations**
- **Five/Ten Year Frequency Assignment Reviews**
- **7.11 Experimental Stations Update**



# Frequency Application Process



- **Comply with Certification (NTIA manual 10.5.3)**
  - 1. The FAS shall not approve frequency assignments for systems that have not been certified.**
  - 2. Assignments shall conform to the system certification.**
  - 3. Frequency applications submitted to FAS prior to system review shall be tabled until system review procedure has been completed.**
  - 4. Additions/modifications to existing certifications must be submitted to SPS, assigned a SPS number and under preliminary review or approved by SPS prior to FAS processing frequency applications.**



# Frequency Application Process (cont)



- **Comply with Table of Frequency Allocation – NTIA Manual, chapter 4**
  - Care for emission and band edges
- **Comply with Channel Plans**
  - Supplement to NTIA Manual (August 2009)
    - 29.89 – 50 MHz
    - 162 – 174 MHz
    - 406.1 – 420 MHz
  - NTIA Manual, Chapter 4
    - 4 GHz
    - 14 – 15 GHz
    - 7/8 GHz when IRAC approved



# Frequency Application Process (cont)



## ➤ Comply with Channel Plans Cont

- Military Communications-Electronics Board (MCEB)  
Channel plans
  - 138 – 144 MHz & 148 – 150.1 MHz (01 January 2010)
  - 225 – 399.9 MHz
    - Must vacate HQ Navy (NMSC) channels
    - FAS approval required prior to sub-assignment from NMSC channels

**\*\* This includes all Spectrum XXI nominated frequencies**



# Frequency Application Issues



- **Simulators – Experimental STC only**
- **Can't have experimental STC & operational STC on same record**
- **XT/XD applications can be submitted for GMF temporary assignment**
- **Update GMF temp assignment with Renewal not a new proposal and submit at least 60 days prior to EXD**
  - **Change 141 date**
  - **Submit Renewals at least 60 days prior to expiration date**
- **Can't serial replace FRRS only record**
- **IRAC docs listed before SPS docs (501 line)**



# Frequency Application Issues (cont)



- **SCS classification outdated & declass as OADR**
    - Wrong classification
    - Program offices set declassification dates
  - **AFC/AFTRCC coordination must be obtained prior to submission to NMSC**
  - **Submit for discreet frequencies vice band assignment**
  - **Poor 520 comments – required to document purpose of assignment**
    - 511- 513 supporting
- Bad Example:**
511. OTHER OPERATIONS
512. EXERCISE
520. REQUEST THE BAND LISTED IN LINE 110
520. FOR TEST EXERCISE AT XXX TO SUPPORT





# Frequency Application Issues (cont)



- **Manufacturer code required when there is no nomenclature**
  - NTIA Manual, Annex G.5
  - Contact FAS when none assigned
- **Flight level**
  - AAG/MAG bands 118 – 136.475 MHz and 225 – 399.9 MHz document minimum and maximum altitude as:  
Ex: FLL=000,FLT=350 (503/\*AGN)
- **All other bands document maximum altitude as:**
  - Ex: M014,0500,AGL (50,000ft) (501/\*NTS)
  - Ex: M014,0500,MSL
- **Incomplete/Inaccurate Directives**



# Special Temporary Authorizations (STAs)



- **FAS currently reviewing draft change to STA policy (NTIA Manual, 8.3.31)**
  - **Change 180 days to 30 days or less**
  - **31 days or more to be submitted for NTIA agenda with 9 day vote**
    - **MC or N serial number (no "T")**
    - **144 = Y**
    - **Document SPS number**
  - **Applications can be moved up if backlog exists**
    - **NMSC is currently processing only STA requirements that do not exceed 30 days**



# Special Temporary Authorizations (STAs) (cont)



- **Base/Station FMOs/NMCSOs responsible for capturing requirements**
  - Ask questions until requirements are understood
  - Make 520 strong especially when high level requirement
  - Submit with adequate time for processing, at least 60 days prior to requirement start date
- **Must comply with certification**
  - Rejected applications mounting
  - Rejected applications should be corrected in Spectrum XXI not purged and re-imported



# Five/Ten Year Frequency Assignment Review



- **Work to complete assignment reviews on schedule per current CY.**
  - **Pull on revision date (RVD) of GMF assignment, (line 143)**
- **CY02 FAS agenda item 2151**
  - **Navy = 614**
  - **Marine Corps = 153**
  - **270 day extension expires 31 March 2010. Assignments will be deleted by NTIA with a “cease and desist letter” to SECNAV**



# Five/Ten Year Frequency Assignment Review (cont)



- **CY03 FAS agenda item 2248**
  - **Navy = 950**
  - **Marine Corps = 18**
  - **Reviews to be completed by 30 December 2010**



## 7.11 Experimental Stations Update

- **Current authorized sites listed in NTIA Manual**
  - **One site, Poseidon Park, approved at IRAC but not signed by Chair – awaiting outcome of change to 7.11 paper submitted by FAS**
  - **Four additional, SESEF, sites are tabled at FAS**
    - **Calibrations don't meet 7.11 conditions – Navy to justify or withdraw submission or**
    - **Document remains Tabled until 7.11 paper/rules resolved at IRAC**
    - **Working with FCC to free up cease and desist on assignments at Fort Story (132)**
      - **Obtained FCC approval on (51)**
  - **Future submissions are held in abeyance until 7.11 issues are resolved**



# Quality Not Quantity



- **NMSC not responsible for correcting frequency applications**
  - Rejected applications mounting
  - Rejected applications should be corrected in Spectrum XXI not purged and re-imported
- **Work to produce high quality product**
  - Catch up with record reviews





# QUESTIONS ?

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